

Job Information

Job #:	95503				Date:	May 3, 2019
Priority:	_	Authorized OT:	No	Authorized by:		

Customer Information

Name:	Kimberly Clark		Reason:	
Contact:		Motor#:		PO#:
Application:	_	Special notes:		

Name Plate Information

Manufacturer:	GE	Enclosure :	Totally Enclosed Fan Cooled
Serial#:	Type:KS	Model#:	5KS326SS108B
Service Factor:	1.15	Frame:	326T
Horsepower/kW:	50	Rated RPM:	3560
Rated Amps:	54.7	Rated Voltage:	460
Phase:	3	Cycles:	60
Special design:	No		

Enclosure Type image



Nameplate

DE

ODE



F2

Тор









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Mechanical Inspection

Inspect bolt holes and fasteners. Validate correct fasteners.

Does the shaft turn freely?:	No	Contaminant(s):	Other
Shaft rotation:	Bi-directional	Contaminant(s) Amt:	Other
Shaft grounding device present?:	No	Contaminant Image:	
Type of grounding device:			
Shaft runout(TIR-Inbound):	0.002		
Bearings DE:	Worn	Bearings DE make:	FAG

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Insulated:	No	Bearing DE Size:	6312-2Z-C3
Bearings ODE:	Worn	Bearings ODE make:	FAG
Bearing Type:	Ball	Bearing ODE Size:	6312-2Z-C3
Bearings Retainer:	Yes	Thermal Protection:	No
Retainer condition:	Good	Thermal Protection Type:	_

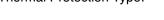
Bearing Type Image



Bearing Make Image



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Bearing Retainer Image



Thermal Protection



Mechanical Inspection (Continued)

Lubrication Type:	Grease	Thermal Protection device DE:	_
Lubrication brand inbound:	Mobile Polyrex EM	Thermal Protection device ODE:	_
Lubrication brand outbound:	Mobile Polyrex EM		
Grease Amt DE:	Full	Grease Cond. DE:	Charred
Grease Amt ODE:	Full	Grease Cond. ODE:	New
Seals DE type:	N/A		
Seals DE size:			
Seals DE (inbound) condition :			
Seals ODE type:	N/A		
Seals ODE size:			
Seals ODE (inbound) condition :			
Shaft damage cause:	Other	Shaft Image:	



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Mechanical Inspection (Continued)

Water jacket: N/A Fan: Ok Frame cond.: Good Endbell type: Motor Mount Position: Horizontal/Foot mount Single piece Missing parts? Endbell Image: O-rings J-Box J-Box cover **N**one HH cover Glands Other missing parts

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Mechanical Inspection (Continued)

Air Gap Meaurements (N/A on Singl	Does Air Gap Meet Customer or EASA spec(<10% variation)?	
DE @ 0	ODE @ 0	_
DE @ 90	ODE @ 90	
DE @ 180	ODE @ 180	
DE @ 270	ODE @ 270	

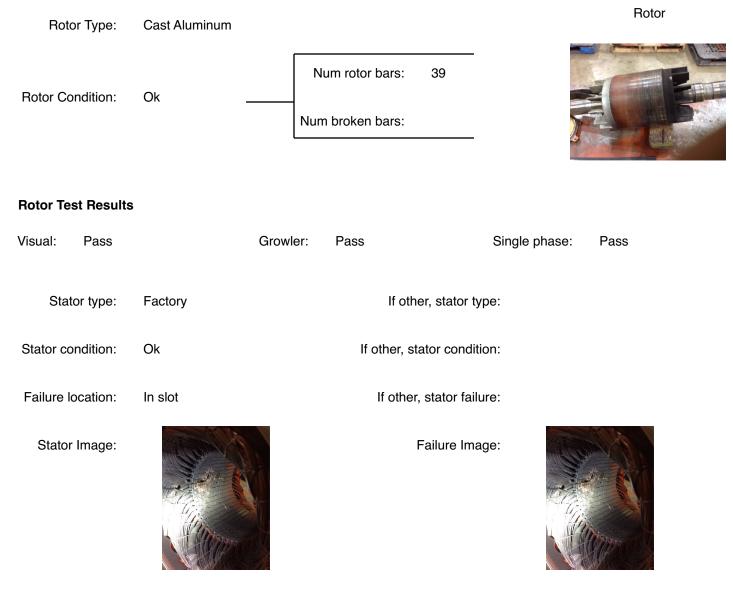
AC Electrical Inspection

Number of leads:	3	Terminal Markings:			
Length of leads:	8 1/2 in	REF: NEMA Stds. MG 1-2009, Rev. 1-2010, 2.41-Terminal Markings Identified By Color:			
Size of leads:		1-Blue 2-White 3-Orange	5-Black 6-No color assigned 7-No color assigned	P1-No color assigned P2-Brown	
Lead condition:	-	4-Yellow	8-Red		
Lug type:		Connections As Re	eceived:		
Lug Condition:	_		Terminal	Lugs	
Lug size:					
Lug Attachment:	_				

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AC Electrical Inspection (Continued)



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AC Electrical Inspection (Continued)

Winding color:	Dull black	Winding	g image	Winding The	rmal Protection:	No
Winding condition :	Solid					
Winding Thermal Protection DE:	_					
Winding Thermal Protection ODE:	_					
Stator test results:	Rewind					
Megs incoming: Ba	ad	Surge incoming:	Bad	Hi-po	ot incoming:	Bad
Winding Resistance Ir	ncoming					
Phas	es A to B	Phases B to C	Phase	es C to A	Resistive ir	nbalance
Incoming						
Leads/jump	ers: Ok		Lea	d jumper Imag	je. :	
If other, leads/jump	ers:					~
Mechanical Ins	pection					
Inspect bolt holes and fa	asteners. Valic	late correct fasteners.				
Shaft Con	dition: Darr	naged	Bearing	is Retainer:	Yes	
Type of grounding d	evice:		Bearir	ng DE Size:	6312-2Z-C3	
Shaft runout(TIR-Inbo	ound):		Bearing	ODE Size:	6312-2Z-C3	

Retainer condition:

n: Good

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Mechanical Inspection (Continued)

Seals DE condition :	None	Brg. Seats DE:	Good
Seals DE type:	N/A	If DE undersized, amt.:	
Seals DE size:		Brg. Seats ODE:	Good
Seals DE (inbound) condition :		If ODE undersized, amt.:	
Seals ODE condition :	None	Shaft damage:	ОК
Seals ODE type:	N/A		
Seals ODE size:		Bushings/sleeves DE:	Ok
Seals ODE (inbound) condition :		Bushings/sleeves ODE:	Ok
Endbell fits/damage:	Good	Foot/Flange condition:	Ok
Endbell DE size:	5.1193 Has lip	Foot flatness:	Pass
Endbell DE insulated?:	_	Does Air Gap Meet Cus	stomer or EASA spec(<10%
Endbell ODE size:	Endbell ODE size: 5.1186		
Endbell ODE insulated?:	_	—	

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Conclusion

Component Failure

Cause of Failure

Comments

Belt was too tight causing side load making the drive end bearing to prematurely fall

Service Tech name: Chris Wiley

Service Tech signature:

Wir Pelin

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